



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1217-990257	SERIAL NO. 09/253,638
INFORMATION DISCLOSURE STATEMENT STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT(S) Keisuke OGURO et al.	
		FILING DATE February 19, 1999	GROUP Art Unit 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA													
AB													RECEIVE
AC													JUN 1 1999
AD													
AE													GROUP 17
AF													
AG													
AH													
AI													
AJ													
AK													

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
73	AL	04	2	7	5	0	7	8	9/1992	Japan					Abstract
73	AM	08	1	3	1	5	4	5	5/1996	Japan					Abstract
	AN														
	AO														
	AP														

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

73	AQ	Kanafuji, Keiichi et al., "Fabrication of Artificial Muscle Using Synthetic Polymer". <u>Applied Physics</u> , Vol. 65, No. 8, pp. 803-810 (1996), partial translation (3pp.)
73	AR	Takashima, Wataru et al., "Electrochemomechanical Deformation of Polyaniline Films". <u>Jpn. J. Appl. Phys.</u> , Vol. 34, Pt. 1, No. 7B (July 1995) pp. 160-163
	AS	

EXAMINER Tom. Tom DATE CONSIDERED 12/7/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT STATEMENT BY APPLICANT (Use several sheets if necessary)								ATTY. DOCKET NO. 1217-990257	SERIAL NO. 09/253,638						
								APPLICANT(S) Keisuke OGURO et al.							
								FILING DATE February 19, 1999							

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>73</i>	AA	5	2	6	8	0	8	2	12/07/93	Oguro et al.	204	282	
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<i>73</i>	AL	WO	97	2	6	0	3	9	7/1997	WIPO			<i>73</i>
	AM												
	AN												
	AO												
	AP												

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>73</i>	AQ	Okuzaki, H. et al., "Electro-driven Polymer Gels with Biomimetic Motility." <u>Polymer Gels and Networks</u> , vol. 2, no. 3-4, pp. 267-277 (1994)
<i>73</i>	AR	Caldwell, D.G., "Pseudomuscular actuator for use in dexterous manipulation." <u>Medical & Biological Engineering & Computing</u> , vol. 28, no. 6, pp. 595-600 (1 Nov. 1990)
	AS	

EXAMINER *73* *73* DATE CONSIDERED *12/7/08*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.